

AUSTRALIAN PATENT OFFICE

WRITTEN OPINION



175175

Applicant's or agent's file reference P102465		Date of mailing <i>day/month/year</i> 18 MAR 2009
REPLY DUE within FIVE MONTHS of the date of the Registrar's letter enclosing the written opinion		
Application No. SG 200704375-5	Parent Filing Date (<i>day/month/year</i>) 16 December 2003	Priority Date (<i>day/month/year</i>) 16 December 2002
International Patent Classification (IPC) (as indicated in the search report) Int. Cl. G11B 20/12 (2006.01) Action Date: 10 March 2009		
Applicant SAMSUNG ELECTRONICS CO., LTD. (KR)		

1. This First written opinion consists of a total of 4 sheets.	
2. This opinion contains indications relating to the following items:	
I <input checked="" type="checkbox"/> Basis of the opinion II <input type="checkbox"/> Priority III <input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability IV <input type="checkbox"/> Lack of unity of invention V <input checked="" type="checkbox"/> Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement VI <input type="checkbox"/> Certain documents cited VII <input type="checkbox"/> Certain defects in the application VIII <input checked="" type="checkbox"/> Certain observations on the application	 *G00001* *ACTION*
3. The search report used was issued by the Australian Patent Office, and the date of completion is: 06 March 2009	
4. If no reply is filed, the examination report will be established on the basis of this opinion.	
5. The date by which the examination report will be established is: 14 September 2011	

Name and mailing address AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pcr@ipaustalia.gov.au Facsimile no. 61 2 62853929	Authorized Officer M.EMAMI
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IP05 249873 9411

I. Basis of the opinion

1. This opinion has been drawn on the basis of:

☐ the application as originally filed.

☒ the description, pages 1-23, 26, as originally filed,
pages, as amended under Art. 34 of the PCT
pages, filed with the request,
pages, received on with the letter of

☒ the claims, pages, as originally filed,
pages, as amended under Art. 19 of the PCT
pages, as amended under Art. 34 of the PCT
pages 24, filed with the request,
pages, received on with the letter of

☒ the drawings, sheets 1/11 – 11/11, as originally filed,
sheets/fig., as amended under Art. 34 of the PCT
sheets/fig., filed with the request,
sheets/fig., received on with the letter of

☐ the sequence listing part of the description:

pages, as originally filed
pages, as amended under Art. 34 of the PCT
pages, filed with the demand
pages, received on with the letter of

2. The amendments have resulted in the cancellation of page: 25

sheets of drawings/figures No :

3 ☐ This opinion has not been established in relation to,

description pages
claim nos
drawings sheets/figs

since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box

4. Additional observations, if necessary:

V. Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims 1-2	YES
	Claims None	NO
Inventive step (IS)	Claims None	YES
	Claims 1-2	NO
Industrial applicability (IA)	Claims 1-2	YES
	Claims None	NO

2. Citations and explanations

The following documents identified in the Search Report have been considered for these purposes of this report:

D1- US 5870523A

D2- US 5999698A

D1 relates to a recording medium on which a data containing navigation data is recorded, a method and apparatus for reproducing a data according to the navigation data, a method and apparatus for recording a data containing navigation data on a recording medium, and a system for transferring data via a communication route on the basis of the navigation data ("summary of the invention", figs, claims).

D2 relates to an improved user interface in a DVD player capable of selectively and freely reproducing an image at an arbitrary angle desired by a user (viewer) in reproducing data from a DVD format disk capable of recording, in the form of a multi-angle block, a set of images obtained by photographing or imaging a single scene (or a single event or a related event) at different angles ("brief summary of the invention", figs, claims).

Novelty (N) and Inventive Step (IS):

All the special technical features of the invention, defined in claim 1, are disclosed in D1 (figs 1, 37; figs 6, 25, 26; col. 27 lines 6-44; fig 37, step s23, fig 40, step s43, col. 27 lines 6-44; fig 37 step s23, fig 40, step s43, col. 27 lines 6-44) except that "the clip AV streams being interleaved with respect to each other". This feature is disclosed in D2 (col. 21 lines 59-66). Therefore, **claim 1 is novel but not inventive** in the light of D1 and D2 combined.

The additional feature of claim 2 (over claim 1) is disclosed in D1 (col. 27 lines 5-44). Therefore, **claim 2 is novel but not inventive** as well.

Industrial Applicability (IA):

The invention defined in **claims 1-2** is considered to meet the requirements of Industrial Applicability under Section 16 of the Singapore Patents ACT because it can be made by, or used in, industry.

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WRITTEN OPINION

Application No.
SG 200704375-5

VIII. Certain observations on the application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

☒ The claimed invention is patentable according to Section 13(2); or

☐ The claimed invention is unpatentable according to Section 13(2) because:

☒ This application is a Divisional application filed under Section 26(6) of the Patents Act and discloses no additional matter extending beyond that disclosed in the Parent application.

AUSTRALIAN PATENT OFFICE

SEARCH REPORT

Applicant's or agent's file reference P102465		
Application No. SG 200704375-5	Parent Filing Date (<i>day/month/year</i>) 16 December 2003	(Earliest) Priority Date (<i>day/month/year</i>) 16 December 2002
Applicant SAMSUNG ELECTRONICS CO., LTD. (KR)		

This search report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. ☐ Certain claims were found unsearchable (See Box I)
2. ☐ Unity of invention is lacking (See Box II)
3. ☐ The application contains disclosure of a nucleotide and/or amino acid sequence listing and the search was carried out on the basis of the sequence listing

☐ filed with the application

☐ furnished by the applicant separately from the application,

☐ but not accompanied by a statement to the effect that it did not include matter going beyond the disclosure in application as filed
4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Office to read as follows:
5. With regard to the abstract,

☒ the text is approved as submitted by the applicant

☐ the text has been established by this Office as it appears in Box III
6. The figure of the drawings to be published with the abstract is Figure No. 15

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure

☐ because this figure better characterises the invention

☐ None of the figures



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G00002

IP05 23M079 9-11

AUSTRALIAN PATENT OFFICE

SEARCH REPORT

Application No.

SG 200704375-5

A. CLASSIFICATION OF SUBJECT MATTER

According to International Patent Classification (IPC)

Int. Cl.

G11B 20/12 (2006.01)

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the search (name of data base and, where practicable, search terms used)

USPTO

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5870523A (Kikuchi et al.), 09 February 1999 (figs 1,6,25-26,37,40,col. 27 lines 5-44)	1-2
Y	US 5999698A (Nakai et al.), 07 December 1999 (col. 21 lines 59-66, col. 56 lines 5-11)	1-2



Further documents are listed in the continuation of Box C



See patent family annex

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of submission of the request to the Australian Patent Office

19 January 2009

Date of completion of the search report

06 March 2009

Date of mailing of the search report

18 MAR 2009

Name and mailing address

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AUSTRALIAN PATENT OFFICE

SEARCH REPORT

PATENT FAMILY MEMBERS

Application No.

SG 200704375-5

Patent Document Cited in Search Report		Patent Family Member			
US	5870523	CA	2168327	CN	1134583
		EP	0872839	JP	8273304
		JP	10074380	US	6118927
US	5999698	JP	10155138		
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.					
END OF ANNEX					